CLAIMS

1. Method of opening and closing a bin defining a partially enclosed volume configured to store baggage relative to a support structure, the method comprising:

moving the bin linearly along a first portion of a path; and

moving the bin rotationally along a second portion of the path.

2. The method according to claim 1, wherein the path comprises an opening path, and the bin moves along the first portion of the path before moving along the second portion of the path.

3. The method according to claim 1, wherein the path comprises a closing path, and the bin moves along the second portion of the path before moving along the first portion of the path.

4. The method according to claim 1, wherein the support structure comprises a frame of an aircraft.

5. The method according to claim 1, wherein the support structure comprises a housing.

6. Method of opening and closing a bin defining a partially enclosed volume configured to store baggage relative to a support structure, the method comprising:

linearly moving the bin; and

rotating the bin after linearly moving the bin.

7. Method of moving a bin along a path relative to a support structure, the bin defining first and second grooves configured to cooperate with first and second

protrusions of the support structure which are disposed in the first and second grooves, the method comprising:

moving the first and second protrusions in the first and second grooves until the second protrusion contacts an end portion of the second groove; and

rotating the bin about the second protrusion until the first protrusion contacts an end of the first groove.

8. The method according to claim 7, wherein the first groove is disposed at a front open portion of the bin and the second groove disposed at a back portion opposite the front portion, the first and second grooves having an arcuate shape, the first groove having a larger radius of curvature and encompassing a greater angular range than those of the second groove, the support structure including first and second protrusions disposed in the first and second grooves.

9. The method according to claim 8, wherein the first groove comprises a first pair of grooves and the second groove comprises a second pair of grooves.

10. The method according to claim 7, wherein the path comprises an opening path, and moving the first and second protrusions occurs prior to rotation of the bin.

11. The method according to claim 7, wherein the path comprises a closing path, and rotation of the bin occurs prior to moving the first and second protrusion.

12. The method according to claim 7, wherein the support structure comprises a frame of an aircraft.

13. The method according to claim 7, wherein the support structure comprises a housing.

14. The method according to claim 7, wherein the first and second protrusions comprise fasteners.

15. The method according to claim 14, wherein the first groove is disposed at a front open portion of the bin and the second groove disposed at a back portion opposite the front portion, the first and second grooves having an arcuate shape, the first groove having a larger radius of curvature and encompassing a greater angular range than those of the second groove, the support structure including first and second protrusions disposed in the first and second grooves.